

Grading Notes

- NO CHANGES IN THE APPROVED IMPROVEMENT PLANS SHALL BE MADE WITHOUT PRIOR APPROVAL OF THE DEPARTMENT OF PLANNING.
- NO LAND CLEARING, GRADING, OR EXCAVATING SHALL TAKE PLACE BETWEEN OCTOBER 15 AND APRIL 15 UNLESS A SEPARATE WINTER EROSION CONTROL PLAN IS APPROVED BY THE PLANNING DIRECTOR.
- NO LAND DISTURBANCE SHALL TAKE PLACE PRIOR TO THE ISSUANCE OF BUILDING PERMITS, EXCEPT THE MINIMUM REQUIRED TO INSTALL STREET IMPROVEMENTS. PROVIDE ACCESS FOR COUNTY REQUIRED TESTS OR TO CARRY OUT OTHER WORK SPECIFICALLY REQUIRED BY ANOTHER OF THESE CONDITIONS. IN ADDITION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AN NPDES PERMIT FROM THE REGIONAL WATER QUALITY CONTROL BOARD PRIOR TO GRADING.
- THE CONTRACTOR SHALL APPLY WATER TO ALL EXPOSED EARTH SURFACES AT INTERVALS SUFFICIENT TO PREVENT AIRBORNE DUST FROM LEAVING THE PROJECT SITE. ALL EXPOSED EARTH SHALL BE WATERED DOWN AT THE END OF THE WORK DAY.
- WHILE IN TRANSIT TO AND FROM THE PROJECT SITE, ALL TRUCKS TRANSPORTING FILL SHALL BE EQUIPPED WITH TARPS.
- ALL GRADING WORK AND CONSTRUCTION OF IMPROVEMENTS SHALL BE DONE IN ACCORDANCE WITH RECOMMENDATIONS SPECIFIED IN THE GEOTECHNICAL REPORT PREPARED FOR THIS PROJECT. THE GEOTECHNICAL ENGINEER SHALL INSPECT THE COMPLETED PROJECT AND CERTIFY IN WRITING THAT THE IMPROVEMENTS HAVE BEEN CONSTRUCTED IN CONFORMANCE WITH THE GEOTECHNICAL REPORT.
- PURSUANT TO SECTIONS 16.40.040 AND 16.42.100 OF THE COUNTY CODE, IF AT ANY TIME DURING SITE PREPARATION, EXCAVATION, OR OTHER GROUND DISTURBANCE ASSOCIATED WITH THIS DEVELOPMENT, ANY ARTIFACT OR OTHER EVIDENCE OF AN HISTORIC ARCHEOLOGICAL RESOURCE OR A NATIVE AMERICAN CULTURAL SITE IS DISCOVERED, THE RESPONSIBLE PERSONS SHALL IMMEDIATELY CEASE AND DESIST FROM ALL FURTHER SITE EXCAVATION AND NOTIFY THE SHERIFF-CORONER IF THE DISCOVERY CONTAINS HUMAN REMAINS, OR THE PLANNING DIRECTOR IF THE DISCOVERY CONTAINS NO HUMAN REMAINS. THE PROCEDURES ESTABLISHED IN SECTIONS 16.40.010 AND 16.42.100, SHALL BE OBSERVED.
- THE DIRECTOR OF PLANNING, OR HIS AUTHORIZED REPRESENTATIVE, SHALL HAVE THE AUTHORITY TO "STOP WORK" IF THE WORK IS NOT BEING DONE IN ACCORDANCE WITH THE APPROVED IMPROVEMENT PLANS.
- THE CONTRACTOR SHALL NOTIFY THE COUNTY CONSTRUCTION ENGINEER (408-454-2160) 24 HOURS PRIOR TO START OF CONSTRUCTION.
- THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO, OR USES OF, THESE PLANS. ALL CHANGES MUST BE IN WRITING AND MUST BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.
- ALL WORK ADJACENT TO OR WITHIN A COUNTY ROAD SHALL BE SUBJECT TO THE PROVISIONS OF CHAPTER 870 OF THE COUNTY CODE, INCLUDING OBTAINING AN ENCROACHMENT PERMIT WHERE REQUIRED. WHERE FEASIBLE, ALL IMPROVEMENTS ADJACENT TO OR AFFECTING A COUNTY ROAD SHALL BE COORDINATED WITH ANY PLANNED COUNTY SPONSORED CONSTRUCTION ON THAT ROAD.
- CONTRACTOR SHALL VERIFY LOCATIONS OF ALL EXISTING UTILITY LINES SHOWN HEREON PRIOR TO ANY TRENCHING OR EXCAVATING, BY CALLING UNDERGROUND SERVICES ALERT (USA) AT 800-624-2444.

Project Benchmark

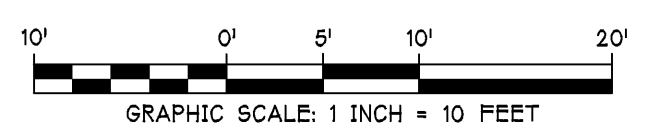
THE BENCHMARK FOR THIS PROJECT IS COUNTY BENCHMARK #76 - A STANDARD COUNTY SURVEY'S BRASS DISC SET IN THE SIDEWALK AT THE SOUTHWESTERLY CORNER OF HIGHWAY 9 AND FELTON-EMPIRE ROAD - 0.2' NORTHEASTERLY OF THE MOST NORTHEASTERLY CORNER OF THE BUILDINGS - 54' WESTERLY FROM THE CENTERLINE OF HIGHWAY 9 - 24' SOUTHERLY FROM THE CENTERLINE OF BENNETT STREET
 BENCHMARK ELEVATION = 293.588 (NGVD29)

Estimated Earthwork Quantities

- 40 CUBIC YARDS EXCAVATION
- 440 CUBIC YARDS EMBANKMENT
- 400 CUBIC YARDS IMPORT

- NOTES:**
- ESTIMATE DOES NOT INCLUDE UTILITY TRENCH VOLUMES OR ANY OVEREXCAVATION, IF REQUIRED BY SITE CONDITIONS.
 - ESTIMATE ASSUMES A 15% COMPACTION FACTOR ON ALL FILL MATERIAL AND A 0% EXPANSION FACTOR ON ALL CUT MATERIAL.
 - PRIOR TO COMMENCEMENT OF WORK CONTRACTOR SHALL CONFIRM THAT ESTIMATES ARE CORRECT.

NOTE:
 THE BOUNDARY AND/OR TOPOGRAPHIC DATA SHOWN HEREON WAS PROVIDED TO IFLAND ENGINEERS, INC. BY: GARY IFLAND & ASSOCIATES, INC. AND IS BASED UPON A FIELD SURVEY DATED: JANUARY, 2005.
 WHILE IFLAND ENGINEERS HAS MADE A SITE VISIT TO FIELD CHECK THE DATA PROVIDED, WE ASSUME NO RESPONSIBILITY FOR THE ACCURACY, COMPLETENESS AND SUFFICIENCY OF THE BOUNDARY AND/OR TOPOGRAPHIC DATA.

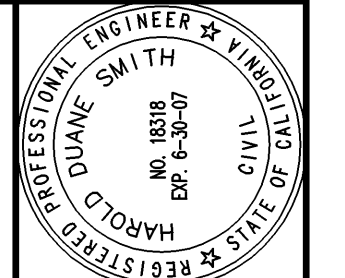


Grading and Drainage Plan

SCALE: 1" = 10'

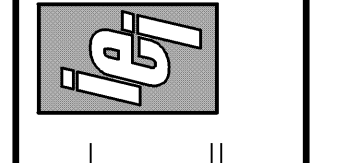
Index of Sheets

SHEET NO.	DESCRIPTION
C01	GRADING & DRAINAGE PLAN
C02	CONSTRUCTION DETAILS
EC01	EROSION CONTROL PLAN & NOTES
EC02	EROSION CONTROL DETAILS



DATE	08/26/05
REVISION	
APPROVED	Gary Ifland
BY	
EX	

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 CIVIL ENGINEERING • LAND PLANNING • STRUCTURAL DESIGN
 CONSTRUCTION MANAGEMENT



Grading and Drainage Plan
Robert J. Atton D.V.M.
 5980 Highway 9, Felton, California

ASSESSOR'S PARCEL NUMBERS	065-131-17, 18 & 19
DATE	08/26/05
DESIGN	RON
DRAWN	JIM
SHEET	C01
OF	4 SHEETS
JOB NO.	05005